

FIG. 1

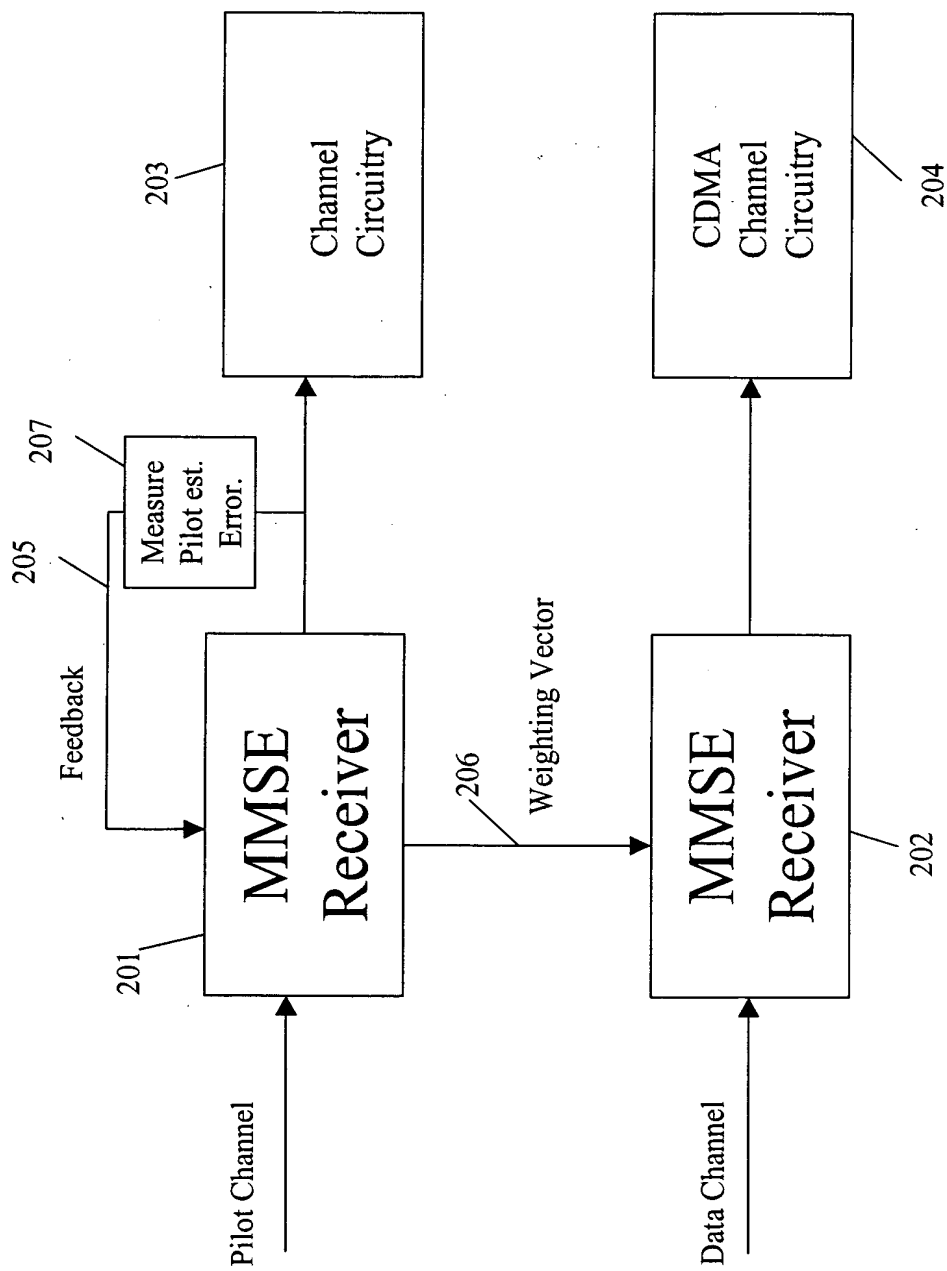


FIG. 2

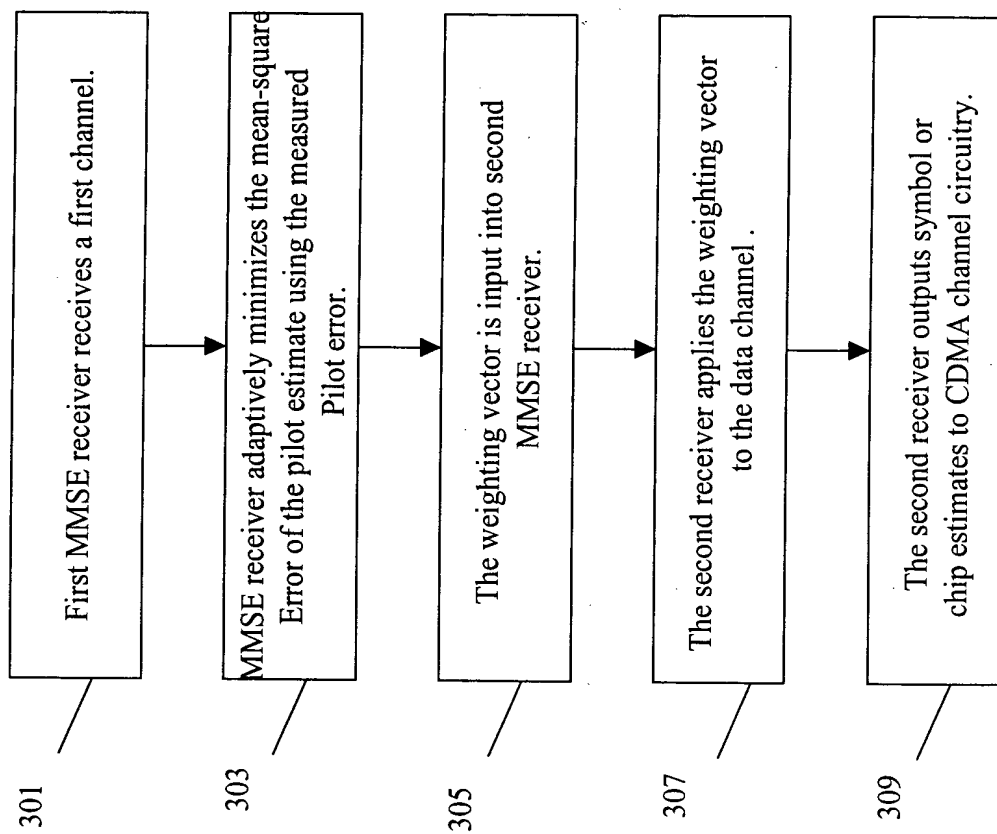


FIG. 3

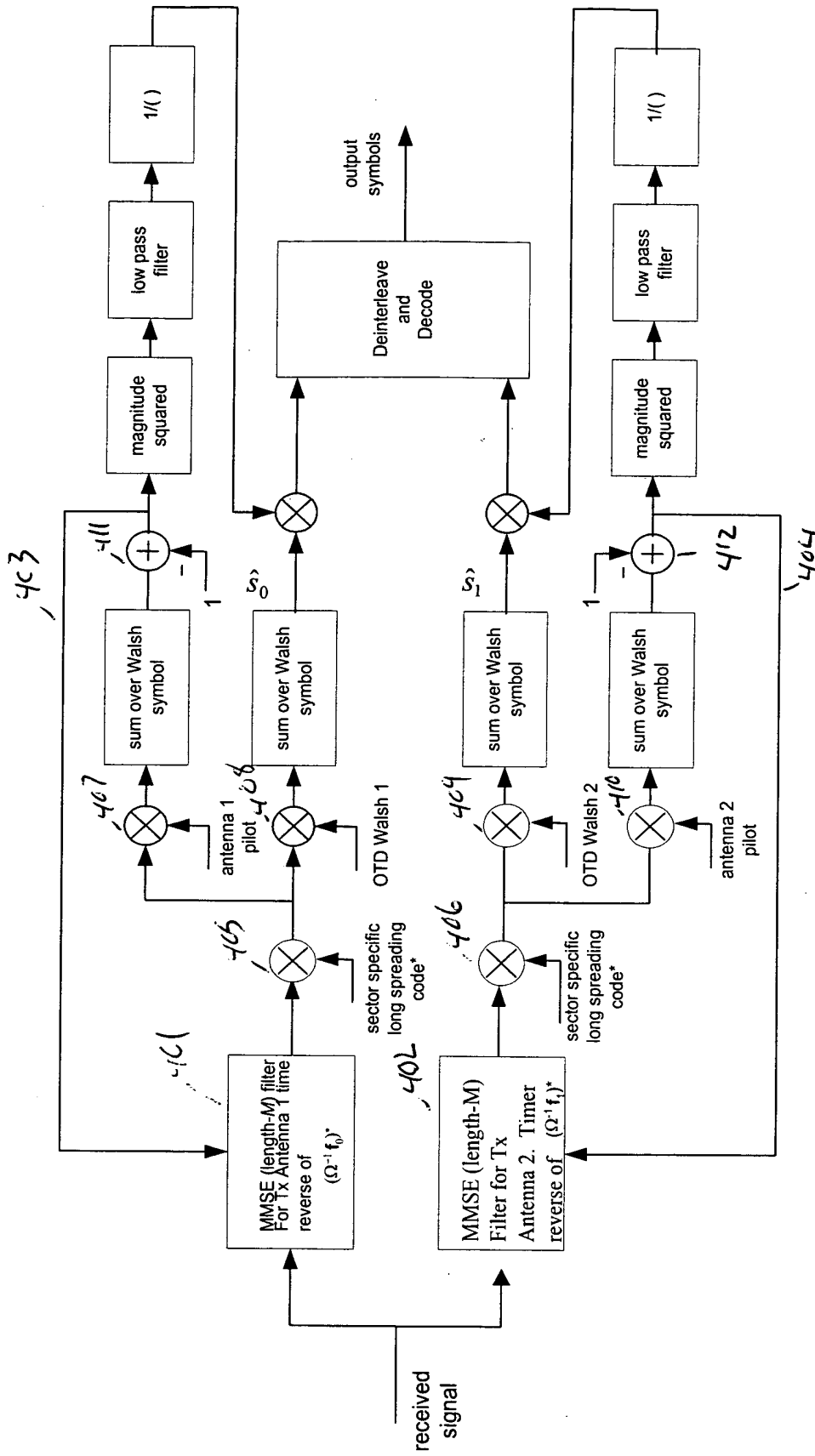


FIG. 4: MMSE Receiver for Orthogonal Transmit Diversity -- Separate Adaptation

400

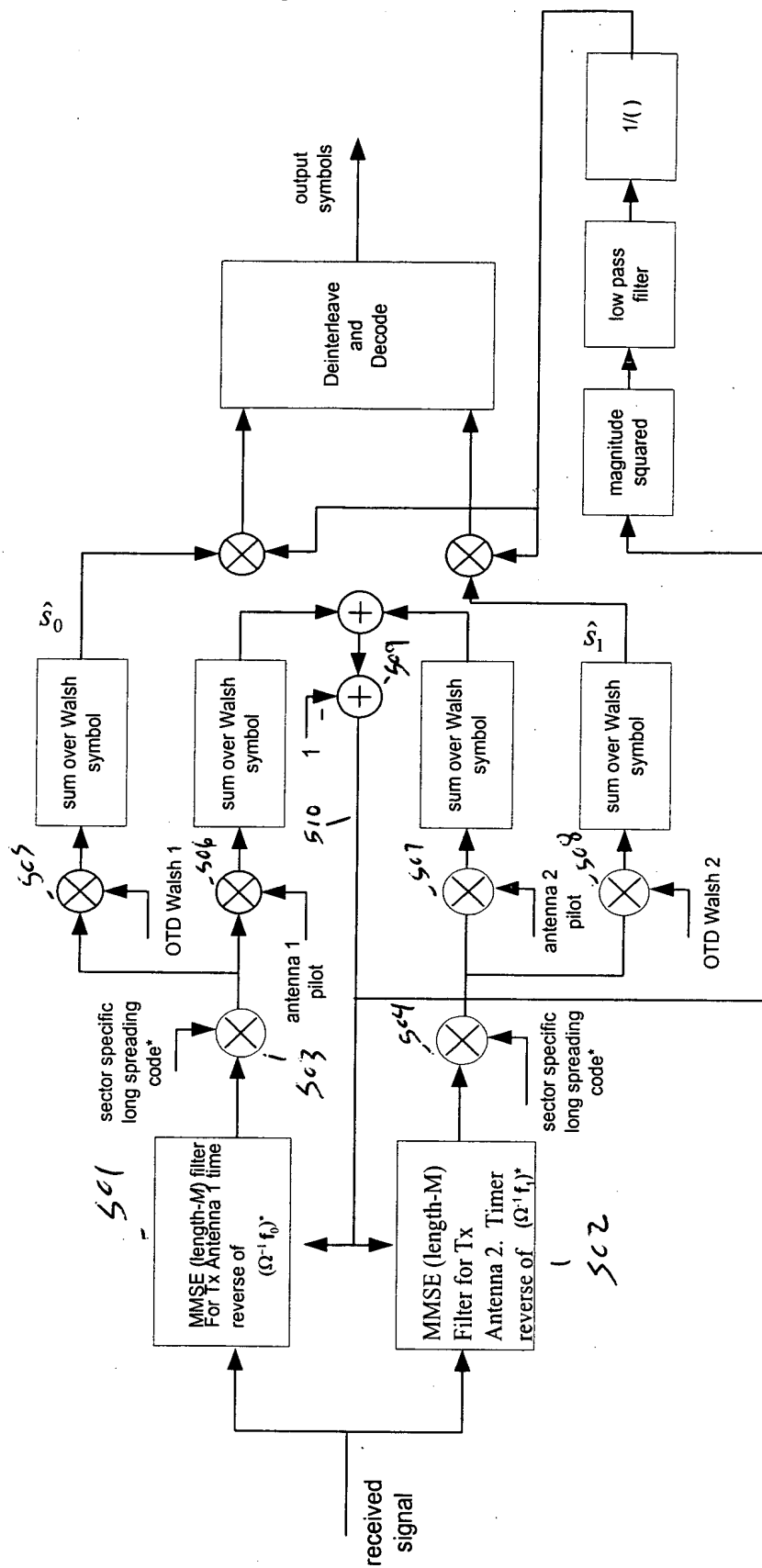


FIG. 5: MMSE Receiver for Orthogonal Transmit Diversity -- Joint Adaptation

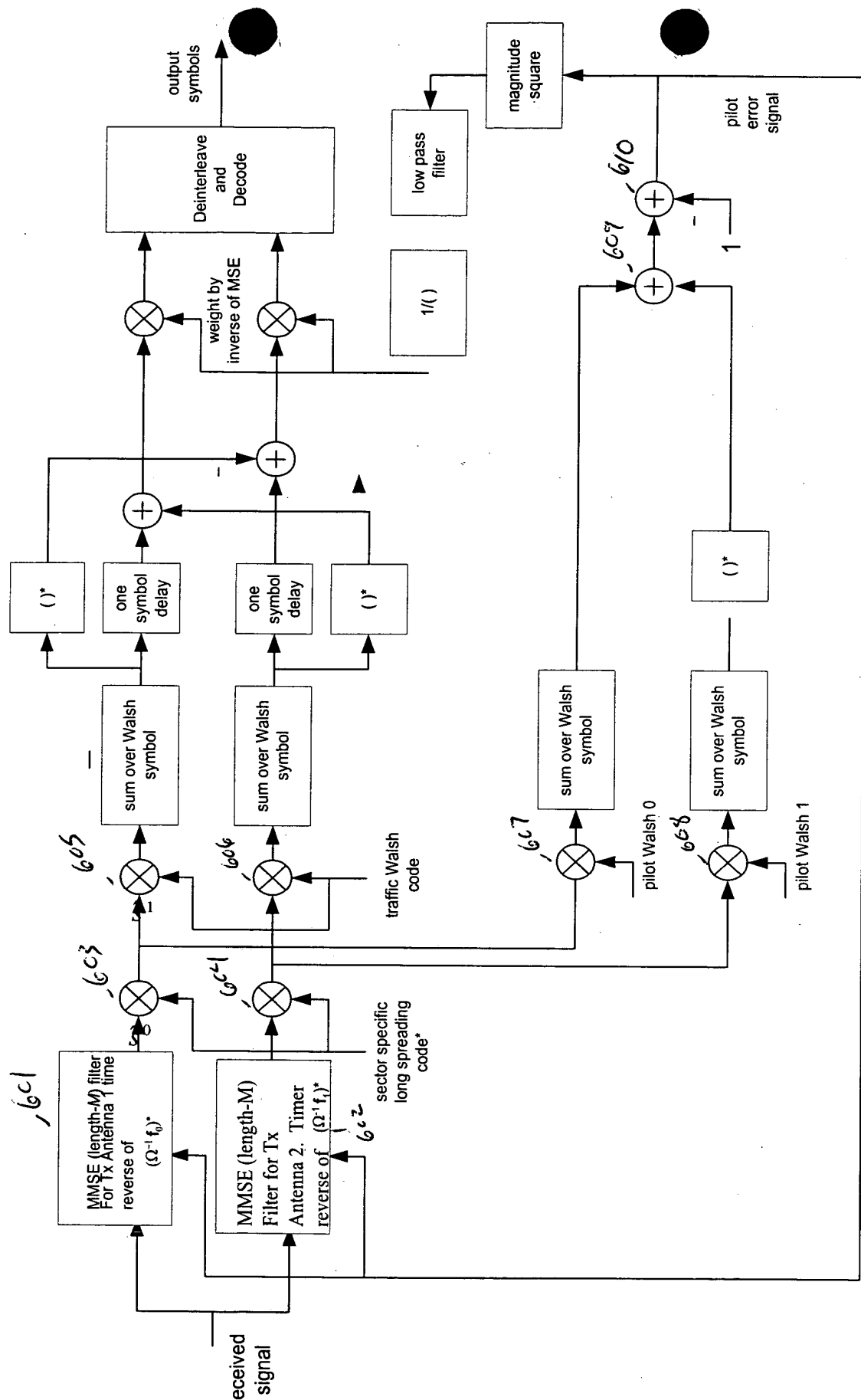


FIG. 6: MMSE Receiver for STTD Diversity

FIG. 7: MMSE Receiver for STS Diversity

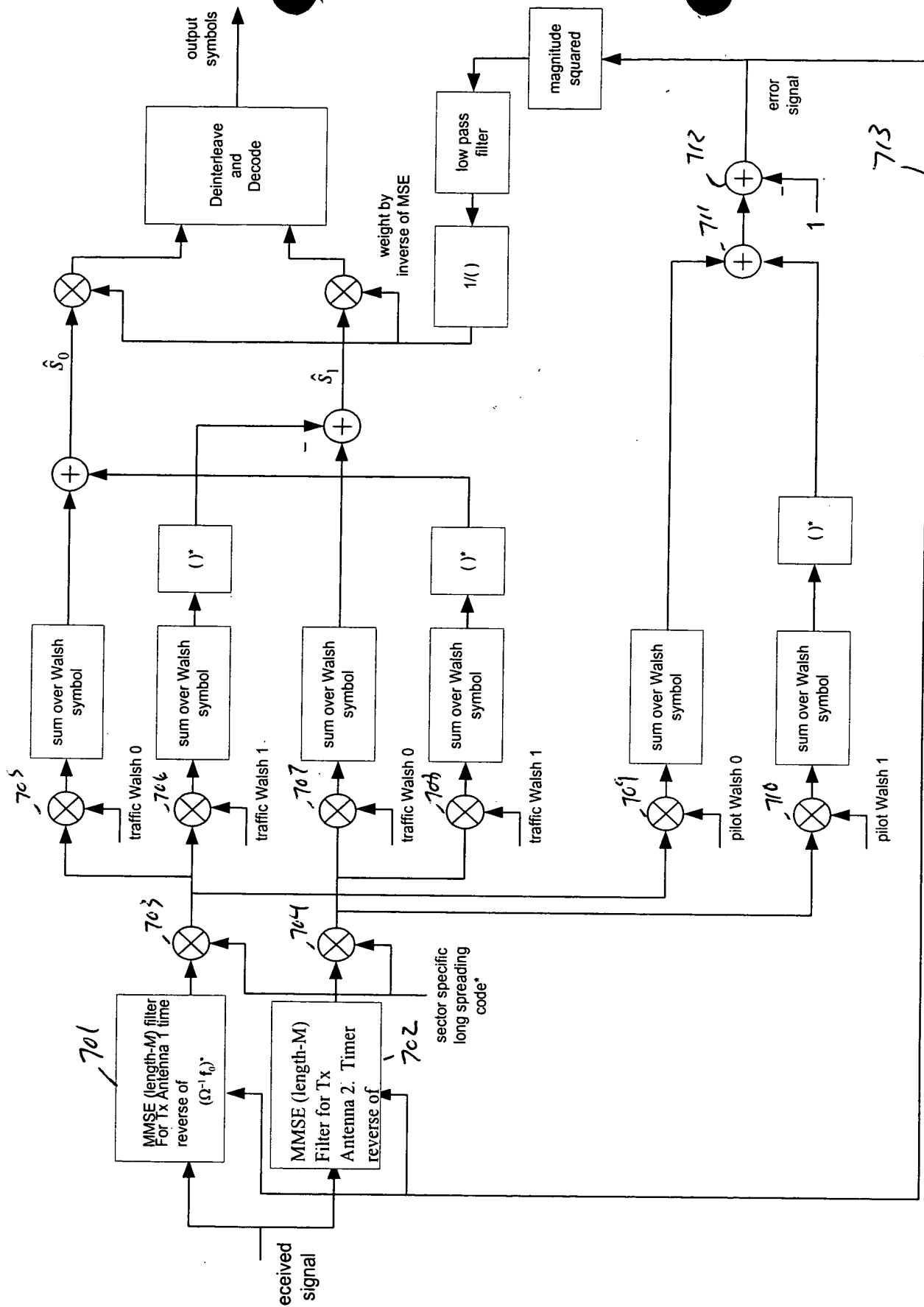


FIG. 7: MMSE Receiver for STS Diversity

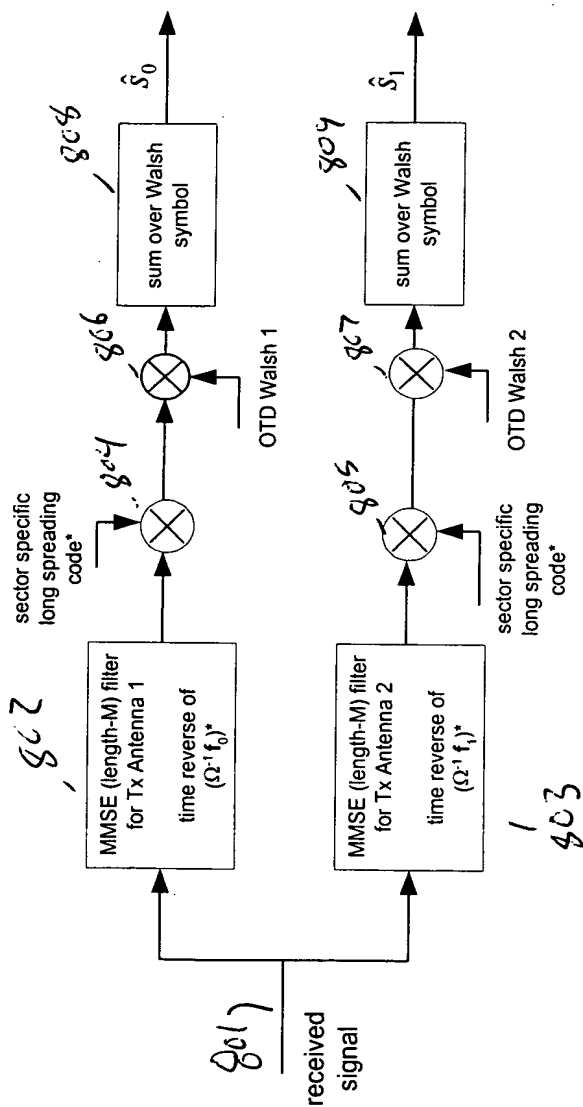


Figure 8 MMSE Receiver for Orthogonal Transmit Diversity

*[Handwritten signature]*



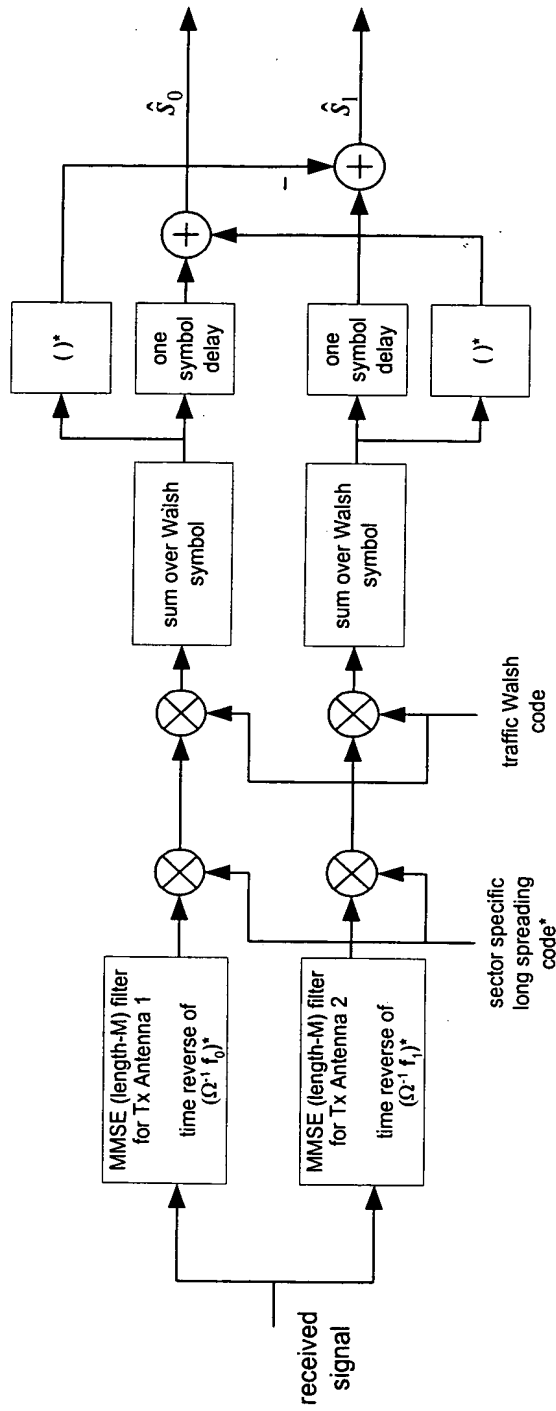


Figure 9: MMSE Receiver for STTD Diversity

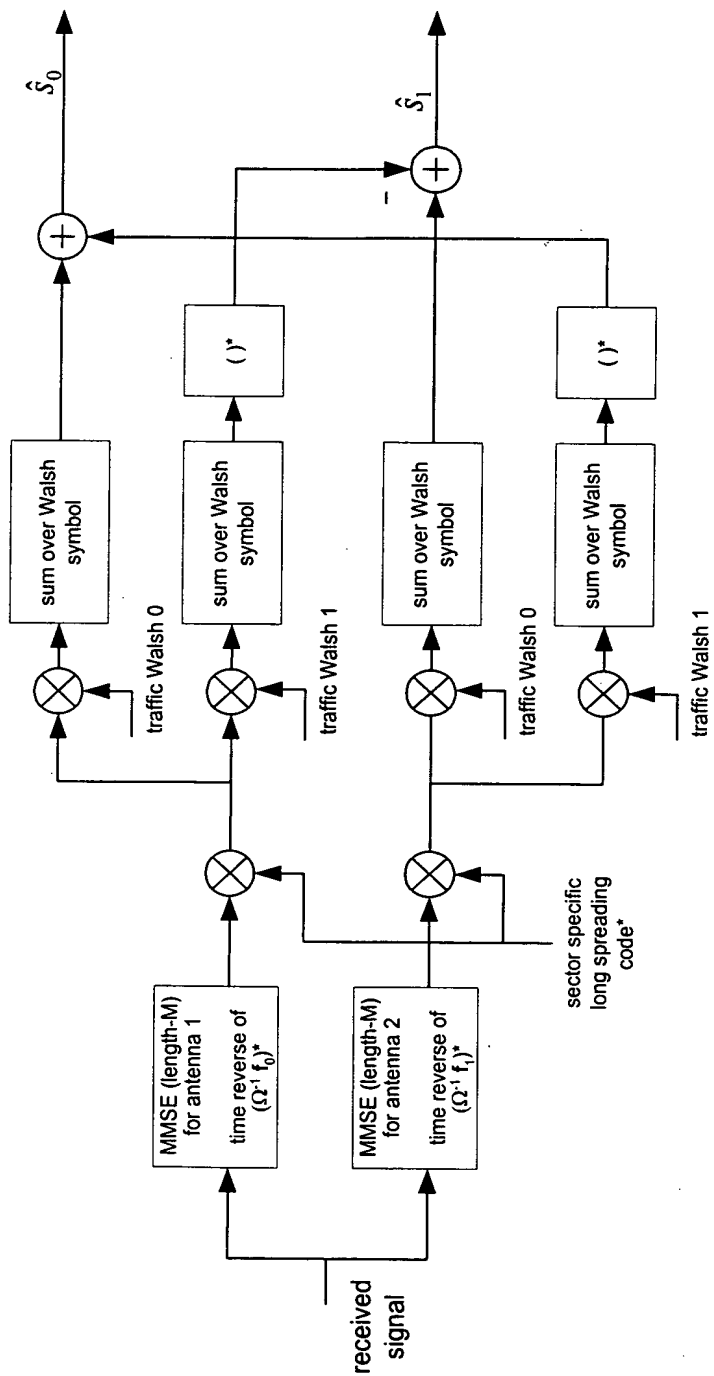


Figure 10: MMSE Receiver for STS Diversity